

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--------------------|------------------|---------|------------------|
| L1    | 16139 | ((voltage or power or current) same increas\$) and "204".clas.   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/11/28 12:33 |
| L2    | 11704 | ((voltage or power or current) with increas\$) and "204".clas.   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/11/28 12:33 |
| L3    | 2282  | ((voltage and power and current) same increas\$) and "204".clas.   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/11/28 12:33 |
| L4    | 921   | ((voltage and power and current) with increas\$) and "204".clas.   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/11/28 12:33 |
| L5    | 36    | "204".clas. and sputter and target and ((magnesium oxide) or (oxide magnesium)) and ((voltage or power or current) same increas\$) | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/11/28 13:16 |
| L6    | 18    | "204".clas. and sputter and target and ((magnesium oxide) or (oxide magnesium)) and ((voltage or power or current) with increas\$) | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/11/28 13:05 |
| S1    | 72    | "204".clas. and sputter and target and ((magnesium oxide) or (oxide magnesium))  | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/11/28 12:34 |
| S2    | 70    | "204".clas. and sputter and target and ((magnesium oxide) or (oxide magnesium)) and film and substrate                             | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/03/26 14:06 |
| S3    | 1     | ("4238276").PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/26 14:13 |
| S4    | 1     | ("6337001").PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/26 14:13 |
| S5    | 0     | "204".clas. and sputter and target and ((magnesium oxide) or (oxide magnesium)) and (duty ratio)                                   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/03/26 16:52 |
| S6    | 0     | "204".clas. and sputter and target and ((magnesium oxide) or (oxide magnesium)) and (saturated power)                              | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/03/26 16:53 |
| S7    | 37    | "204".clas. and sputter and target and ((magnesium oxide) or (oxide magnesium)) and frequency                                      | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/03/26 17:18 |
| S8    | 2     | "204".clas. and sputter and target and ((magnesium oxide) or (oxide magnesium)) and (duty cycle)                                   | US-PGPUB;<br>USPAT | ADJ              | ON      | 2007/03/26 17:18 |
| S9    | 1     | ("5660700").PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/27 11:13 |
| S10   | 1     | ("5015493").PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/27 11:26 |

## EAST Search History

|     |         |   |                    |     |     |                  |
|-----|---------|---|--------------------|-----|-----|------------------|
| S11 | 4       | ((("6245394") or ("6623607") or ("6676814") or ("6379783")).PN.   | US-PGPUB;<br>USPAT | OR  | OFF | 2007/03/27 11:27 |
| S12 | 37      | "204".clas. and sputter and target and ((magnesium oxide) or (oxide magnesium)) and heat                        | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/03/28 17:55 |
| S13 | 3       | "204".clas. and sputter and target and (heat or heat source or heater) with (distance or length) near substrate | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/03/28 17:59 |
| S14 | 19      | "204".clas. and sputter and target and (heat or heat source or heater) with (distance or length) with substrate | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/03/28 17:59 |
| S15 | 1       | ("5082546").PN.   | US-PGPUB;<br>USPAT | OR  | OFF | 2007/03/30 10:43 |
| S16 | 13      | sputter and target and ((magnesium oxide) or (oxide magnesium)) and khz and (duty and (cycle or ratio))         | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/03/30 10:48 |
| S17 | 115     | sputter and target and (DC or (direct current)) and khz and (duty and (cycle or ratio))                         | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/03/30 10:59 |
| S18 | 105     | sputter and target and (DC or (direct current)) and khz and ((duty cycle) or (duty ratio))                      | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/03/30 11:01 |
| S19 | 2088983 | (power or voltage or current ) and increas\$4   | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/11/13 19:45 |
| S20 | 613366  | (power or voltage or current) with increas\$4   | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/11/13 19:45 |
| S21 | 12021   | ((power or voltage or current) with increas\$4) and (magnesium oxide or (MgO))                                  | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/11/13 19:45 |
| S22 | 781     | ((power or voltage or current) with increas\$4) and (magnesium oxide or (MgO)) and sputter                      | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/11/13 19:46 |
| S23 | 598     | ((power or voltage or current) with increas\$4) and (magnesium oxide or (MgO)) and sputter and control          | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/11/13 19:51 |
| S24 | 63      | ((power and voltage and current) with increas\$4) and (magnesium oxide or (MgO)) and sputter and control        | US-PGPUB;<br>USPAT | ADJ | ON  | 2007/11/13 19:51 |